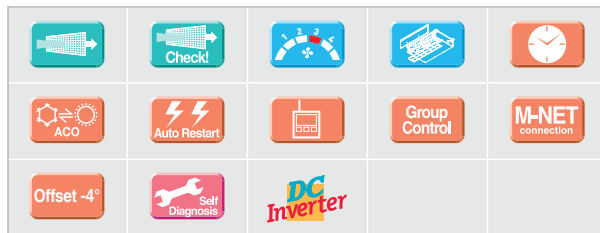


CITY MULTI PEFY-P VMA-E

INDOOR UNIT - BUILT-IN FOR DOUBLE CEILINGS
MEDIUM TO HIGH STATIC PRESSURE



Featuring very precise ambient temperature control, the VMA(L) series ducted unit offers unparalleled energy efficiency.



Compact unit

The entire VMA(L) series offers extraordinarily compact dimensions: measuring just 250 mm in height, this is the perfect solution for installation in cramped spaces.

Condensate lift pump

The VMA is equipped with a condensate lift pump.

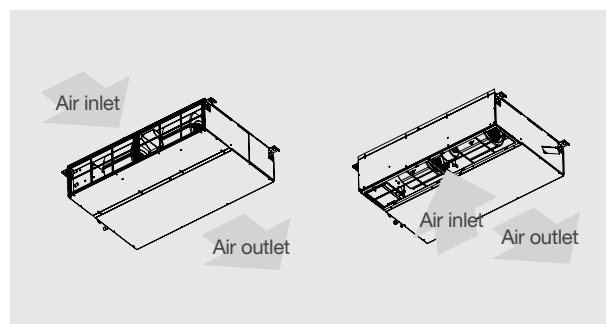
Static pressure

Static external pressure is adjustable to suit the system configuration and installation conditions. The static pressure may be modified to cater for all types of ducting and to allow for functional upgrades such as installing high performance filters, etc. To cater for different layouts and configurations, the static pressure is adjustable within a range from 35Pa to 150 Pa*.

* Default setting 50Pa.

Intake on underside of unit

During installation, the unit may be configured with the air intake on the underside.



TECHNICAL SPECIFICATIONS

MODEL		PEFY-P20VMA-E	PEFY-P25VMA-E	PEFY-P32VMA-E	PEFY-P40VMA-E	PEFY-P50VMA-E	PEFY-P63VMA-E	
Power		A single-phase, 220-240V, 50Hz						
Capacity in cooling mode *1	kW	2.2	2.8	3.6	4.5	5.6	7.1	
	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200	
Capacity in heating mode *1	kW	2.5	3.2	4.0	5.0	6.3	8.0	
	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300	
Power consumption	Cooling kW	0.06	0.06	0.07	0.09	0.11	0.12	
	Heating kW	0.04	0.04	0.05	0.07	0.09	0.10	
Current	Cooling A	0.53	0.53	0.55	0.64	0.74	1.01	
	Heating A	0.42	0.42	0.44	0.53	0.63	0.90	
External finish	kg	Galvanised steel plate						
Dimensions HxLxW	mm	250x700x732			250x900x732		250x1,100x732	
Net weight	kg	23			26		32	
Heat exchanger		Cross fins (sheet aluminium fins and copper piping)						
Fan	Type x Quantity	Scirocco fan x 1						
	Air flow (low-medium-high)	m ³ /min	6.0-7.5-8.5	6.0-7.5-8.5	7.5-9.0-10.5	10.0-12.0-14.0	12.0-14.5-17.0	13.5-16.0-19.0
		l/s	100-125-142	100-125-142	125-150-175	167-200-233	200-242-283	225-267-317
		cfm	212-265-300	212-265-300	265-318-371	353-424-494	424-512-600	477-565-671
	Static external pres.	Pa	35/50/70/100/150					
Motor	Type	Single-phase brushless DC motor						
	Power output	kW	0.085					0.121
Air filter		Polypropylene honeycomb fabric (washable)						
Refrigerant pipe diameter	Gas (swaged)	mm	ø6.35				ø9.52	
	Liquid (swaged)	mm	ø12.7				ø15.88	
Local drain pipe diameter		O.D. 32 (1-1/4)						
Sound pressure (low-medium-high)*2	dB(A)	26-28-29	26-28-29	28-30-34	28-30-34	28-32-35	29-32-36	

TECHNICAL SPECIFICATIONS

MODEL		PEFY-P71VMA-E	PEFY-P80VMA-E	PEFY-P100VMA-E	PEFY-P125VMA-E	PEFY-P140VMA-E		
Power		A single-phase, 220-240V, 50Hz						
Capacity in cooling mode *1	kW	8.0	9.0	11.2	14.0	16.0		
	Btu/h	27,300	30,700	38,200	47,800	54,600		
Capacity in heating mode *1	kW	9.0	10.0	12.5	16.0	18.0		
	Btu/h	30,700	34,100	42,700	54,600	61,400		
Power consumption	Cooling kW	0.14	0.14	0.24	0.34	0.36		
	Heating kW	0.12	0.12	0.22	0.32	0.34		
Current	Cooling A	1.15	1.15	1.47	2.05	2.21		
	Heating A	1.04	1.04	1.36	1.94	2.10		
External finish	kg	Galvanised steel plate						
Dimensions HxLxW	mm	250x1,100x732			250x1,400x732		250x1,600x732	
Net weight	kg	32			42		46	
Heat exchanger		Cross fins (sheet aluminium fins and copper piping)						
Fan	Type x Quantity	Scirocco fan x 2						
	Air flow (low-medium-high)	m ³ /min	14.5-18.0-21.0	14.5-18.0-21.0	23.0-28.0-33.0	28.0-34.0-40.0	29.5-35.5-42.0	
		l/s	242-300-350	242-300-350	383-467-550	467-567-667	492-592-700	
		cfm	512-636-742	512-636-742	812-989-1,165	989-1,201-1,412	1,042-1,254-1,483	
	Static external pres.	Pa	35/50/70/100/150					
Motor	Type	Single-phase brushless DC motor						
	Power output	kW	0.121			0.244		
Air filter		Polypropylene honeycomb fabric (washable)						
Refrigerant pipe diameter	Gas (swaged)	mm	ø9.52				ø15.88	
	Liquid (swaged)	mm	ø12.7				ø15.88	
Local drain pipe diameter		O.D. 32 (1-1/4)						
Sound pressure (low-medium-high)*2	dB(A)	30-34-38	30-34-38	32-37-41	35-40-44	36-41-45		

*1 For heating/cooling capacity, the maximum value with the unit operating in the following conditions is given.

Cooling: indoor 27°C (81°F) DB/19°C (66°F) WB, outdoor 35°C (95°F) DB.

Heating: indoor 20°C (68°F) DB, outdoor 7°C (45°F) DB/6°C (43°F) WB.

*2 Measured in anechoic chamber.